

## JSC SHIPPING DOCUMENT

1. Originator (Name, Org. Code, Phone)  
JD Roberts, EA, 281-461-51092. Date Prepared  
03/28/07

Location of item(s):

3. Building Room  
421 Bond4. Contact and Phone  
Alfredo Cavallo, 281-483-0287

5. Status of Items

☐ Transfer to Other NASA Center  
☒ Test and Return  
☐ Replacement or Credit  
☐ Relocation  
☐ For Flight/Return  
JF 1027 NO.: N/A

6. Shipping Information (Check One)

☒ Prepaid  
☐ Collect  
☐ Government Funds (Cite #s)

7. Shipment in Direct Support of:

☐ Shuttle STS: \_\_\_\_\_  
☐ Space Station Mission: \_\_\_\_\_  
☒ Other, Please Explain  
For Assy & Test

8. QUALITY CONTROL INFORMATION (Check Each)

☒ Flight/Mission  
☐ Essential  
☐ GSE

YES NO

9. Materials Classified (Define Block 25)

YES NO

10. Data Package Enclosed

YES NO

11. APPROVAL - Typed Name and Signature

DATE

Division Chief

Property Custodian - Mail Code

Contracting Officer

Quality Assurance Representative

Direct Program Manager

Other

12. From:

NASALyndon B. Johnson Space Center  
Transportation Officer, Bldg. 421  
2101 NASA Road 1  
Houston, Texas 77058

(For Return Shipments to JSC, include Voucher number from block 16)

13. Ship To

ORDER MIT

CERN 32/4-C17

CH 1211 Geneva

Switzerland

Ref: EA1609-088010  
Dep: EA  
Date: 03/29/2007  
Mgt: 6.0 LBS  
CV: 0.00  
# of Pkgs: 1  
SHIPPING: 51.58  
SPECIAL: 0.00  
HANDLING: 0.00  
TOTAL: 51.58SVCS: INTL PRIORITY  
TRACK: 7201 4433 7925

ATTN: Mike Capell (for RWTH)

Mark For/Phone Number: Contact: Klaus Luebelsmeyer, Tel. 49 241 80 27157, Fax. 49 241 80 22661

25. Remarks

Items listed are for the assembly of scientific instrument testing, provided under collaborative agreement between NASA and the destination institute. Items listed are Class I.

26. Item No.

27. Equipment Control No.

28. Model/Stock/Part Number

29. Item Description, Serial No., Manufacturer No., Lot No., License Plate No., Class of Hardware

30. Unit of Issue

31. Qty.

32. Unit Price

33. Total Value

HTH1978-3-3

BOLT, 12 PT, EXT WRENCHING,  
200,000 PSI MIN. ULT. TENSILE  
STRENGTH, A-286, L=0.59",  
Lot #B/L-10363, Class I

ea

57

65.00

3705.00

EWB0420-5-7

BOLT, 12 PT, EXT WRENCHING,  
200,000 PSI MIN. ULT. TENSILE  
STRENGTH, A-286, L=1.0",  
Lot # B/L-18093, Class I

ea

30

23.00

690.00

34. Recaptulation of Shipment (spaced below to be completed by logistics division only)

Issued By

Remove ECN Tag? ☐ Yes ☐ No

35. Receipt Info

36. Sheet Total

TD 3129107

Total Containers

Type Container

Description

Total Weight

Total Cube

Containers Recd

Quantities Recd

37. Grand Total

Checked By

1

CT

16 x 12 x 8

6

0.9

Date Recd

38. Receiving Voucher No.

Packed By

Sym

3-29-07

1

35175

6

0.9

Recd By

38. Receiving Voucher No.

ORIGINAL

SEND A COPY OF THIS IF FORM

290 WITH RETURN SHIPMENT

# Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components

Voucher Number  
J7-088-010

1. Are there any special documented requirements addressing special handling, packaging, and shipping that needs to be attached to the packing list for this item(s)? A copy of the information is to be attached and specified in block 25 of the 290 prior to submitting.
 

☐ Yes   ☒ No
2. Does the item(s) identified on the 290 require clean room isolation? If yes, identify what cleanliness level (GC, VC, UV-VC, and types of Precision cleaned 100A, 200A, etc.) and specify the requirement document (e.g., SN-C-0005, D683-10450-1, other). If not a NASA document, a copy must be attached to the 290.
 

☐ Yes   ☒ No
3. Is the item(s) identified on the 290 "Electrostatic Discharge" (ESD) sensitive?  
IS THE HARDWARE PACKAGED CORRECTLY FOR ESD SENSITIVITY?
 

☐ Yes   ☒ No  
☐ Yes   ☒ No  
☐ Yes   ☒ No
4. Does the item(s) identified on the 290 contain any hazardous chemicals or materials? If yes, identify the type of chemicals or materials and provide the Material Safety Data Sheet for each item.
 

☐ Yes   ☒ No  
☐ Yes   ☒ No  
☐ Yes   ☒ No
- a. Does the item(s) listed contain any explosive or pyrotechnic material? If yes, provide the classification and net weight of each item.
 

☐ Yes   ☒ No
- b. Does the item(s) contain batteries. If yes, identify the type of battery?
 

☐ Yes   ☒ No
- c. If the item(s) contains Lithium-Ion, Lithium Metal or Lithium Alloy, provide the total Lithium content or Lithium-equivalent per battery (grams).
 

☐ Yes   ☒ No
- d. Does the item contain any radioactive materials? (This includes any hazardous radioactive material embedded in the item). If yes, provide a completed JSC Form 1625, "Radioactive Material Transfer Receipt." Ensure the item(s) are identified with the radiation symbols and clearly mark with the label(s) as shown in question 10.
 

☐ Yes   ☒ No
- e. Does the item(s) contain any compressed pressure systems (e.g. cylinders)? If yes, identify the types of fluid or gas contained in the system and if gas, what is the pressure.
 

☐ Yes   ☒ No
- f. Does the item contain any biological specimens? If yes, please identify, describe, and add the MSDS telling what to do in case of a spill, puncture, or rupture?
 

☐ Yes   ☒ No
5. Does the item(s) require any special temperature or humidity control in its handling, packaging, or shipping? If yes, please identify and provide the following information in Fahrenheit:
 

Minimum temperature:  
Maximum temperature:

Minimum humidity:  
Maximum humidity:

☐ Yes   ☒ No

# Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components

Voucher Number  
17-088-010

6. Are the item(s) perishable? If yes, identify, describe: ☐ Yes ☒ No
7. Does this item(s) require protection from exposure to the elements? If yes, identify. Be sure to change the "revision date" of this form. ☐ Yes ☒ No
8. Does this item(s) require special monitoring equipment (e.g. shock, humidity, vibration, or temperature sensors)? If yes, identify the type and duration of monitoring required? ☐ Yes ☒ No
9. Does this item(s) require any unique labeling and if yes, please check/verify appropriate label(s) to be used: ☐ Yes ☒ No
- ☐ NASA CRITICAL SPACE ITEM: HANDLE WITH CARE
  - ☐ DELICATE INSTRUMENT: HANDLE WITH CARE
  - ☐ THIS END UP
  - ☐ FRAGILE LIQUID IN GLASS: HANDLE WITH CARE
  - ☐ FRAGILE LIQUID IN PLASTIC: DO NOT CUT
  - ☐ PERISHABLE RUSH
  - ☐ FRAGILE
  - ☐ SMALL PARTS ENCLOSED
  - ☐ ELECTROSTATIC DISCHARGE CONTROL REQUIREMENTS
  - ☐ CLEANLINESS
  - ☐ DO NOT X-RAY
  - ☐ LIMITED SHELF LIFE ITEMS - PROCESS IMMEDIATELY
  - ☐ CONTROLLED ENVIRONMENT
  - ☐ BIOLOGICAL SPECIMENS
  - ☐ TEMPERATURE/HUMIDITY
  - ☐ RADIOACTIVE MATERIAL
  - ☐ CONTAINS HIGH PRESSURE
  - ☐ DO NOT FREEZE
  - ☐ OTHER

PPP-B-636  
PPP-B-26  
PPP-C-850  
PPP-7-45  
PPP-7-97  
NASA Label

Printed Name	Mail Code	Signed Name	Date Signed	Phone Number	Cell Phone Number
J. D. Roberts	JE-3EA	<i>J. D. Roberts</i>	03/28/07	281-461-5109	

Date of Request 03/28/07

# Johnson Space Center Export Control Request and Approval Worksheet

Reference Number J7-088-010

EA2-07-88-001

Directions: At least 90 days prior to exporting hardware, software or data to a foreign national, submit this form to your Export Control Representative

## SECTION 1 (complete for all exports)

Date of Export: 3/30/07

Requested by: Mike Fohey

Email: michael.fohey@escg.jacobs.com

Org/Company: EAI / Jacobs Sverdrup

Phone Number: (281) 461-5684

Fax: (281) 461-5926

General description of export (spell out acronyms) Bolts

Is this a temporary export? ☐ Yes ☒ No If yes, when will it be returned?

What requirement or agreement do we have with the foreign national to provide this export? JSC28792, Rev. D

For what purpose is it being exported (what is the end-use)? Assemble with AMS-02 hardware for testing. Contact: Klaus J. Liebelismeyer, Tel. 49 241 80 27157

To whom is it being exported? (or attach ProForma Invoice) ORDER MIT, CERN 32/4-C17, CH 1211 Geneva, Switzerland

What program does this export support? Alpha Magnetic Spectrometer (AMS) - 02

Date denied parties/entities list checked: 3/28/07

Type of export (mark all that apply):

☒ Hardware ☐ Software ☐ Data ☐ Information via discussions

(If you checked hardware or software, please attach a completed ProForma Invoice - )

Method of export (mark all that apply):

☐ Discussion ☒ JSC Transportation Office ☐ Hand carry ☐ JSC Mail Room ☐ Electronic ☐ Other

## SECTION 2

Export Classification

EAR99 / MLR

Classification rationale

Bolts required to support AMS Project. Classification per memo from NASA HQ/UM to JSC/OZ2, dated 3/28/02. Status of AMS compliance with U.S. Export Regulations.

## SECTION 3

Approvals

Stephen Lamkin

Export classification(s) for this shipment were determined by

Date 3/29/07

(281) 483-8264

Phone

Signature of Export Control Official (ECR or CEA)

Date 3/29/07

(281) 483-8264

Phone

ES T Approval (req'd for use of export license and license exemption/exception only) Date

Phone

J7-088-010

**License Number:**

**Information Number:**

**Intermediate Cosignee (when required):**

JSC Voucher Number	Destination (include p
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10

Transportation Officer, JB7  
NASA Johnson Space Center  
Houston, Texas 77058

(281-483-6512)

**ORDER MITT**  
**CERN 32/4-C17**  
**CH 1211 Geneva**  
**Switzerland**

**Contact:**  
**Klaus Luebelismeyer**  
**Tel. 49 241 80 2715**

SWITZERLAND

<p>These items are exported from the United States for ultimate destination _____, in accordance with the Export Administration Regulations. Diversion, retransfer, disclosure, or use contrary to applications specified in NASA agreement without prior written U.S. authorization are prohibited."</p>	<p><b>SWITZERLAND</b></p>	<p>Switzerland</p>
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[illegible]

**Traffic Management Specialist**  
**SILVIA M. HANAGRTT**

Date \_\_\_\_\_

**Total All Sheets:** \$4,395.00

## Notes

1. This form must be completed for all exports.